

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	3 STATIONS	75	DATE 28+
LOWEST TEMPERATURE:	MC HENRY 2 NW MD.	-10	DATE 13+
GREATEST TOTAL PRECIPITATION:	CATOCTIN MOUNTAIN PARK MD.	8.52	
LEAST TOTAL PRECIPITATION:	SAVAGE RIVER DAM MD.	2.24	
GREATEST 1 DAY PRECIPITATION:	CATOCTIN MOUNTAIN PARK MD.	3.18	DATE 23
GREATEST TOTAL SNOWFALL:	FROSTBURG 2 MD.	15.7	
GREATEST DEPTH OF SNOW OR ICE:	2 STATIONS	7	DATE 09

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	SKY COVER AVERAGE (TENTHS)	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							EASTERN													
BALTIMORE WSO AP MD	28	2.7	10.0	37	NW	08	68	75	52	59	6	4	5	2	0	0	17	53	5.9	
WILMINGTON WSO AP DEL	28	2.1	11.0	35++	32	25	75	80	59	70	6	5	2	3	0	0	16	-	6.4	

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell

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NATIONAL CLIMATIC CENTER



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
FEBRUARY 1981

STATION	TEMPERATURE														PRECIPITATION								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS				
									30° OR ABOVE	32° OR ABOVE	32° OR BELOW	MIN.				TOTAL	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HANCOCK FRUIT LAB DIVISION	46.0	24.9	35.5		68 18	4 13	818	0	0	2	19	0	3.29	1.10	1.12	2	1.0	1	8	6	2	1	
*** ALLEGHENY PLATEAU 08			34.7	1.7									3.66	1.30			5.1						
MC HENRY 2 NW	38.2	18.5	28.4		63 19	-10 13+	1021	0	0	11	23	6	3.80		.97	2	15.0	7	9	9	2	0	
OAKLAND 1 SE	43.3	18.4	30.9	2.1	67 18	-8 12	952	0	0	6	22	6	3.21	.12	.80	28	11.0	4	4	4	1	0	
SAVAGE RIVER DAM DIVISION	41.8	18.6	30.2		66 19	-3 13+	968	0	0	6	22	2	2.24		.83	2	1.0	1	10+	7	1	0	
			29.8	1.9									3.08	.14			9.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
FEBRUARY 1981

STATION	TEMPERATURE													PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS				
									30° OR BELOW	32° OR BELOW	37° OR BELOW	41° OR BELOW				TOTAL	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
DELAWARE																							
* * * * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	50.3	29.0M	39.7M		71 18	10 5	703	0 0	0 0	2 15	0 0	2.94		1.17 11	.0	0		6 2	1 0	0 0			
NEWARK UNIVERSITY FARM	50.4	28.3	39.4	5.5	70 18	9 5	712	0 0	0 0	2 15	0 0	3.01	.39	.90 11	.0	0		7 2	2 0	0 0			
WILMINGTON WSO AP	47.9	27.9	37.9	4.3	69 18	9 5	752	0 0	0 0	4 17	0 0	3.23	.48	.87 2	.0	0		5 3	3 0	0 0			
WILMINGTON PORTER RESVR	46.7	28.1	37.4	4.2	66 18	8 5	765	0 0	0 0	5 16	0 0	4.05	1.34	.92 11	.0	0		6 4	4 0	0 0			
DIVISION																							
* * * * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	52.5	30.6	41.6	5.1	70 18	12 4	649	0 0	0 0	2 14	0 0	3.86	1.05	.94 21	.0	0		7 4	4 0	0 0			
DOVER	51.0	29.6	40.3	3.5	70 18	10 4	685	0 0	0 0	3 15	0 0	2.72	.01	.81 2	.0	0		5 2	2 0	1 0			
GEDRGETOWN 5 SW	50.1	29.4	39.8		71 19	7 4	702	0 0	0 0	4 15	0 0	4.84		1.66 21	.0	0		9 5	5 0	1 0			
LEMES	51.3	30.4M	40.9M		74 18	12 4	672	0 0	0 0	2 13	0 0	3.34		.85 2	.0	0		6 4	4 0	0 0			
MILFORD 2 WSW	52.9	29.8	41.4		72 18	8 4	655	0 0	0 0	2 14	0 0	3.68		.88 2	.0	0		7 4	4 0	0 0			
DIVISION																							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
FEBRUARY 1981

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 MSW	2.94	.75								.32		1.17	T		T							.18	.09	T	.13	.29	T					.01		
NEWARK UNIVERSITY FARM	3.01	.64								.37		.90	.04									.35	.10	T	.22	.37	T					.02		
WILMINGTON HSO AP	3.23	.87				T	T			.34		.84										T	.52	.06	.05	.42	T	T					.05	
WILMINGTON PORTER RESVR	4.05	.82								.39		.05	.92									T	.84	.05	.15	.71	T	T					.07	
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	3.86	.85								.86	.02	.60										.15	.94	.08	.16	.20	T							
DOVER	2.72	.81								.23	.02	.64	T									.35	.08	.08	.03	.48	T							
GEORGETOWN 5 SW	4.84	.11	.60							.65	.11	.01	.62									.30	1.66	.22	T	.55							.01	
LEWES	3.34	.85								.75	.01	.62										.50	.20		.33	.03								
MILFORD 2 MSW	3.66	.88								.68		.64	.05									.41	.20	.10	.02	.70	T							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
FEBRUARY 1981

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																	
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	41 19	57 36	40 14	28 10	29 8	39 11	42 21	34 18	46 20	58 43	58 12	33 14	45 19	50 26	57 30	63 41	70 39	66 41	61 48	58 48	56 49	59 45	59 38	53 34	49 37	55 35	28	50.4 29.0				
BALTIMORE WSO CT	MAX MIN	51 23	53 27	27 16	28 15	28 13	44 22	43 30	40 24	36 21	49 29	57 26	26 12	33 17	44 24	50 30	55 32	68 48	70 52	60 51	62 53	56 50	56 50	58 49	52 40	47 41	51 40	58 38	61 41	48.7 32.6			
BENSON POLICE BARRACKS	MAX MIN	41 13	51 35	39 14	29 11	30 10	44 12	47 20	43 29	38 17	45 18	58 39	54 11	39 12	50 15	52 21	55 22	68 38	74 39	65 41	60 51	58 43	55 48	57 45	56 32	51 36	51 36	59 37	55 28	50.9 27.6			
BOYDS 2 NW	MAX MIN	40 17	55 33	12	29 9	27 9	43 18	44 25	41 30	36 15	46 25	59 43	58 15	33 10	46 27	50 18	59 27	62 42	70 45	67 49	57 48	55 35	56 49	57 50	46 35	48 35	56 34	57 32	34	49.9 29.3			
CATOCTIN MOUNTAIN PARK	MAX MIN	33 18	46 22	28 5	22 7	21 5	34 14	43 23	37 30	32 10	35 19	53 35	35 0	29 7	45 31	46 31	54 29	58 43	64 46	62 47	54 49	50 41	50 47	54 45	54 30	41 31	42 28	50 37	43.6 27.0				
CLARKSVILLE 3 NNE	MAX MIN	40 6	51 35	36 11	31 11	28 6	43 10	45 16	41 28	36 17	45 16	60 43	60 9	35 9	48 14	50 17	58 20	66 33	72 35	60 36	59 52	58 45	55 50	56 48	51 30	46 29	50 36	55 32	25	49.8 25.7			
CONOWINGO DAM	MAX MIN	53 8	57 23	27 11	29 8	27 8	42 11	43 15	39 22	34 15	49 14	60 27	34 11	41 13	47 17	51 20	60 31	65 33	59 35	54 41	52 41	53 43	55 38	51 34	50 30	48 34	53 29	24	47.0 23.1				
DAMASCUS 2 SW	MAX MIN	39 19	54 28	28 11	28 10	26 8	41 18	43 26	37 30	34 14	45 22	57 32	32 6	10 19	45 30	57 31	62 44	70 47	61 49	56 50	53 42	53 49	56 45	48 34	44 34	47 32	57 30	38	46.8 28.9				
EMMITSBURG 2 SE	MAX MIN	38 8	48 25	34 11	28 15	27 6	42 12	44 22	42 28	37 15	36 14	58 43	58 9	32 8	43 14	49 19	58 22	61 19	69 40	64 39	59 49	58 46	55 50	57 48	54 30	48 35	47 36	57 30	28	48.6 26.1			
FREDRICK POLICE BRKS	MAX MIN	37 14	49 33	35 11	28 13	42 11	44 17	42 25	37 33	18	43 20	58 42	58 10	33 12	45 19	51 23	51 28	63 43	70 44	70 48	59 52	59 44	59 52	64 49	55 33	48 31	48 23	58 35	35	49.9 29.2			
PARKTON 2 SW	MAX MIN	48 12	50 21	23 9	27 9	26 3	40 14	43 19	37 19	32 14	45 16	56 23	31 8	33 8	45 14	48 23	55 24	66 39	70 41	59 42	61 49	60 45	52 47	54 36	51 32	45 32	48 34	53 30	54 30	46.9 24.8			
ROCKVILLE 3 NE	MAX MIN	41 7	54 11	35 15	30 8	31 20	40 40	48 15	44 14	42 44	46 15	59 44	59 9	37 9	50 14	58 18	57 20	65 34	74 48	67 38	60 49	55 43	55 51	57 50	55 30	47 34	48 34	58 31	65 25	51.3 25.9			
TOWSON	MAX MIN	39 18	51 19	36 13	28 14	28 10	42 20	44 25	40 30	37 18	45 19	53 30	53 19	34 12	48 19	49 26	54 27	66 47	71 47	69 49	60 46	58 34	54 49	55 46	54 35	46 31	51 36	54 33	35	49.2 25.9			
UNIONVILLE	MAX MIN	39 12	54 35	36 12	29 10	30 4	43 10	44 15	42 27	37 16	44 15	59 44	59 8	34 16	44 15	52 20	59 36	64 36	72 35	68 43	60 49	57 46	59 50	57 49	54 29	46 30	48 35	56 29	56 24	50.1 25.5			
WESTMINSTER POLICE BRK	MAX MIN	38 18	49 34	35 10	25 11	26 8	38 9	41 24	41 30	33 15	43 22	57 42	11	10 20	42 29	46 29	55 43	63 47	69 47	67 47	58 51	56 46	53 49	55 45	54 36	43 34	46 35	52 31	55 35	47.0 29.3			
WOODSTOCK	MAX MIN	40 10	49 32	33 13	30 11	28 6	43 15	45 18	39 29	35 18	44 19	59 43	59 11	35 9	48 14	50 19	59 24	67 39	73 40	63 43	59 52	56 46	54 51	55 47	50 30	45 33	50 36	55 32	60 28	49.4 27.4			
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	MAX MIN	41 12	41 10	30 10	25 12	31 12	39 18	49 26	45 16	39 16	50 24	61 4	30 4	37 8	52 15	59 20	64 24	58 40	75 38	69 42	59 42	57 43	56 44	56 34	47 35	45 35	45 30	60 33	58 36	49.2 24.4			
FROSTBURG 2	MAX MIN	35 8	43 17	38 2	10 -2	16 3	23 2	29 7	39 18	34 8	28 3	47 23	52 -4	10 -9	29 4	48 15	49 25	55 7	52 44	65 43	55 44	46 34	43 35	48 37	49 31	39 31	36 27	35 24	50 24	39.4 17.9			
HAGERSTOWN	MAX MIN	37 20	45 27	27 9	28 10	28 8	40 19	43 26	40 30	38 13	40 19	60 34	35 5	34 9	45 18	50 23	60 31	60 44	70 43	65 50	58 48	58 43	56 47	57 43	47 31	44 34	46 35	52 31	55 35	47.1 28.0			
HANCOCK FRUIT LAB	MAX MIN	34 15	34 32	34 13	22 12	24 13	40 9	44 21	41 32	36 16	36 18	57 20	42 10	33 4	48 11	51 14	60 19	58 33	68 39	58 35	59 43	57 42	54 45	54 43	46 31	44 38	43 36	54 24	54 30	46.0 24.9			
* * *																																	
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW	MAX MIN	30 2	41 24	30 -2	9 -2	14 0	20 0	29 15	40 15	31 4	27 -5	47 16	50 -10	9 -10	42 5	46 25	53 32	60 40	47 38	63 43	56 41	43 32	42 32	48 41	48 30	32 29	33 24	29 21	50 22	38.2 18.5			
OAKLAND 1 SE	MAX MIN	45 15	47 16	16 0	16 4	21 2	29 3	41 7	38 20	27 7	36 5	52 18	18 -8	43 -2	50 13	55 14	63 20	55 39	67 33	62 30	54 39	41 34	55 37	50 34	43 29	39 31	38 26	54 24	58 24	43.3 18.4			
SAVAGE RIVER DAM	MAX MIN	35 7	46 17	35 5	14 5	19 6	23 6	33 9	42 19	36 10	52 22	57 -3	17 -3	32 2	51 15	49 18	59 22	53 35	59 39	53 35	49 34	55 36	49 43	52 37	51 29	40 31	40 30	26 25	55 26	41.8 18.6			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
FEBRUARY 1981

STATION	DAY OF MONTH																															AVERAGE		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 WSW	MAX	44	58	40	31	28	38	44	41	39	45	61	61	35	43	48	56	64	71	66	54	56	58	55	57	52	51	53	59					50.3
	MIN	16	37	17	12	10	14	21	33	20	22	38	16	16	19	25	27	40	36	39	46	46	50	52	39	37	29	27					29.0	
NEWARK UNIVERSITY FARM	MAX	42	58	39	28	27	40	45	42	40	45	60	60	34	44	51	57	65	70	68	58	57	57	56	54	51	50	55	58					50.4
	MIN	12	36	16	12	9	14	20	31	19	20	42	15	15	16	22	25	35	38	40	47	47	48	43	36	34	38	35	28					28.3
WILMINGTON WSO AP	MAX	43	53	26	28	25	38	44	40	33	52	60	31	33	43	49	54	63	69	61	56	59	55	60	54	46	54	57	54					47.9
	MIN	17	26	12	10	9	15	19	25	16	24	31	16	15	16	23	26	37	40	43	49	47	44	44	39	36	39	34	30					27.9
WILMINGTON PORTER RESVR	MAX	48	53	27	23	24	38	44	39	32	47	56	30	33	43	46	54	61	66	62	55	64	52	57	54	44	50	54	52					46.7
	MIN	22	24	12	12	8	17	23	24	18	25	28	14	13	18	21	25	40	42	43	47	45	41	42	40	36	37	34	35					28.1
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	MAX	50	59	38	29	29	41	49	46	41	50	65	62	35	47	51	59	60	70	68	63	56	58	62	57	54	51	55	64					52.5
	MIN	15	38	19	12	13	14	20	35	22	24	47	17	17	22	23	27	40	45	45	52	43	49	46	37	36	37	35	27					30.6
DOVER	MAX	43	60	42	28	29	40	43	43	42	43	64	62	32	44	47	58	63	70	66	60	55	59	55	55	54	52	55	64					51.0
	MIN	16	38	18	10	11	15	21	32	21	23	39	16	18	19	22	25	44	41	45	45	41	48	45	37	36	38	35	29					29.6
GEORGETOWN 5 SW	MAX	33	60	60	25	29	25	43	50	48	35	62	60	26	43	50	49	61	61	71	67	60	55	59	63	55	49	50	54					50.1
	MIN	21	25	19	7	9	13	17	34	22	24	34	17	16	19	29	25	33	47	50	54	42	47	48	36	36	37	35	26					29.4
LEWES	MAX	50	58	42	31	29	43	50	45	43	49	60	58	33	43	46	61	65	74	65	60	52	52	56	56	49	51	49	66					51.3
	MIN	38	18	12	12	13	13	19	33	21	22	42	18	21	25	22	26	42	46	43	42	40	44	42	41	37	37	37	27					30.4
MILFORD 2 WSW	MAX	50	60	39	31	27	40	49	47	42	49	65	63	35	48	48	61	64	72	69	62	56	59	63	59	50	53	54	65					52.9
	MIN	13	39	19	8	12	15	18	35	21	22	42	16	18	18	20	25	43	45	47	50	41	49	45	38	36	37	35	26					29.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
FEBRUARY 1981

STATION	DAY OF MONTH																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																
* * * CENTRAL EASTERN SHORE 02																																
ROYAL OAK 2 SSW		T					T																									
* * * UPPER SOUTHERN 04																																
BALTIMORE HSO AP																																T
COLLEGE PARK																																T
* * * NORTHERN EASTERN SHORE 05																																
CHESTERTOWN																																T
MILLINGTON 2 HNW																																T
* * * NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD																																T
CATOCTIN MOUNTAIN PARK																																
DAMASCUS 2 SW																																
EMMITSBURG 2 SE																																
FREDRICK POLICE BRKS																																
PARKTON 2 SW																																
UNIONVILLE																																
* * * APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2																																
FROSTBURG 2																																
HANCOCK FRUIT LAB																																
* * * ALLEGHENY PLATEAU 08																																
MC HENRY 2 NW																																
OAKLAND 1 SE																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
FEBRUARY 1981

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DELAWARE																																
NORTHERN 01																																
NEWMARK UNIVERSITY FARM	SNOWFALL SN ON GND																															
WILMINGTON WSO AP	SNOWFALL SN ON GND WTR EQUIV					T	T																									
SOUTHERN 02																																
DOVER	SNOWFALL SN ON GND												T																			
MILFORD 2 WSH	SNOWFALL SN ON GND																															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
FEBRUARY 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARFORD		39 28	76 10	57	4P	4P		C H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL		38 59	76 30	25	5P	5P		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0335	01	WORCESTER		38 14	75 08	7	5P	5P		H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL		39 11	76 40	196	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE WSO CI	0470	06	BALTO CITY		39 17	76 37	91	MID	MID		C	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES		39 02	76 53	120	8A	8A		8AC H	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD		39 30	76 23	365	5P	5P			MARYLAND STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY		39 13	77 20	580	6P	6P			HUNTER F STALEY
BRIGHTON DAM	1125	06	MONTGOMERY		39 12	77 01	330		MID			WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER		38 34	76 04	5	4P	4P		H	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK		39 39	77 29	1610	5P	5P		C H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES		39 03	76 04	20	5P	5P		H	INACTIVE 09/30/80
CHESTERTOWN	1750	05	KENT		39 13	76 04	40	11P	11P		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD		39 15	76 56	365	5P	5P			UNIVERSITY OF MARYLAND
COLLEGE PARK	1995	04	PRN GEORGES		38 59	76 57	90	9A	9A		C H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD		39 39	76 10	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	2215	01	SOMERSET		37 59	75 52	8	5P	5P			SOMERS COVE MARINA
CUMBERLAND 2	2282	07	ALLEGANY		39 38	78 45	700	6P	7A		H	TIMOTHY B THOMAS
DAMASCUS 2 SW	2335	06	MONTGOMERY		39 16	77 14	720	7P	7P		H	RICHARD W SCHWERDT
DENTON 2 E	2523	02	CAROLINE		38 53	75 48	50	5P	5P		H	ARTHUR REINHOLD
EDGEMONT	2770	07	WASHINGTON		39 40	77 33	905		7A			JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK		39 41	77 18	416	5P	5P		H	MRS LUCILLE K BEALE
FEDERALSBURG	3090	02	CAROLINE		38 41	75 46	20				C	SEWAGE TREATMENT PLANT
FREDRICK POLICE BRKS	3348	06	FREDERICK		39 25	77 26	380	5P	5P		H	MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK		39 24	77 22	385		7A			MISS I MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY		39 40	78 56	2170	7A	7A		H	LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN GEORGES		38 58	76 48	150	4P	4P		H	USDA PLT INTRODUCT STA
HAGERSTOWN	3975	07	WASHINGTON		39 39	77 44	660	6P	6P			HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON		39 42	78 11	428	4P	4P		C H	SHARPSBURG RESEARCH C
LA PLATA 1 W	5080	03	CHARLES		38 32	77 00	140	6P	6P		H	C RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN GEORGES		39 06	76 54	400	MID	MID			WASH. SUB SANY COMM
MC HENRY 2 NW	5832	08	GARRETT		39 35	79 22	2680	8A	8A		C H	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	5865	03	ST MARYS		38 26	76 43	160	5P	5P			MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT		39 36	79 05	1790		9A			DELWOOD E MERRILL
MILLINGTON 2 WNW	5985	05	KENT		39 16	75 52	30	5P	5P		H	MRS GERALDINE CONNOLLEY
NEW GERMANY 2	6410	08	GARRETT		39 37	79 08	2480				C	LESTER BITTINGER
OAKLAND 1 SE	6620	08	GARRETT		39 24	79 24	2420	5P	5P		H	MS CARA M WEBER
OWINGS FERRY LANDING	6770	03	CALVERT		38 41	76 40	160	5P	5P		H	JAMES E BOURNE JR
PARKTON 2 SW	6844	06	BALTIMORE		39 38	76 42	600	11P	11P		C H	JOHN R FOX
PATUXENT RIVER	6915	03	ST MARY'S		38 20	76 25	38	MID	MID		C	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	7272	06	MONTGOMERY		39 02	77 15	270		MID			POTOMAC WATER FILT PLT
PRINCESS ANNE	7330	01	SOMERSET		38 13	75 41	20	5P	5P		H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705	06	MONTGOMERY		39 07	77 06	400	4P	4P		H	MD NATL CAPITAL PARK
ROYAL OAK 2 SSW	7806	02	TALBOT		38 43	76 11	10	6P	6P		H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO		38 22	75 35	10	5P	5P			CITY OF SALISBURY
SALISBURY FAA AP	8005	01	WICOMICO		38 20	75 31	48	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT		39 31	79 08	1495	8A	8A		8AC H	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT		39 32	79 25	2040				C	PA ELECTRIC COMPANY
SNOW HILL 4 N	8380	01	WORCESTER		38 14	75 23	28	6P	6P		H	CURTIS E SHOCKLEY
SOLOMONS	8405	03	CALVERT		38 19	76 27	12	8A	8A			CHESAPEAKE BIOL LAB
TOWSON	8877	06	BALTIMORE		39 23	76 34	390	6P	6P			BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK		39 27	77 11	430	6P	6P		C H	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES		38 52	76 47	98	8A	8A		8A	TOBACCO EXP FARM
VIENNA	9140	02	DORCHESTER		38 29	75 50	12	6P	6P		H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	9440	06	CARROLL		39 33	76 58	765	5P	5P			MARYLAND STATE POLICE
WOODSTOCK	9750	06	BALTIMORE		39 20	76 52	460	6P	6P		H	JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
FEBRUARY 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
DISTRICT OF COLUMBIA													
DALECARLIA RESVR D C	2325	04			38 56	77 07	146	5P	5P				U S CORPS OF ENGINEERS U S NATL ARBORETUM
NATIONAL ARBORETUM D C	6350	04			38 54	76 59	50	8A	8A		H		
DELAWARE													
BRIDGEVILLE 1 NW	1330	02	SUSSEX		38 45	75 37	50	5P	5P		H		WILLIAM M RAY STATE DIV OF HIGHWAYS UNIV OF DEL SUBSTATION BOARD OF PUBLIC WORKS PIONEER HIBRED CORN CO MRS BERNARD FRANKEL UNIV OF DELAWARE NATL WEATHER SERVICE WATER DEPARTMENT
DOVER	2730	02	KENT		39 09	75 31	30	5P	5P		H		
GEORGETOWN 5 SW	3570	02	SUSSEX		38 38	75 27	45	8A	8A	8AC	H		
LEWES	5320	02	SUSSEX		38 46	75 08	15	5P	5P		H		
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE		39 26	75 45	60	4P	4P		H		
MILFORD 2 WSW	5915	02	SUSSEX		38 54	75 28	30	5P	5P		H		
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE		39 40	75 44	90	5P	5P	5PC	H		
WILMINGTON WSO AP	9595	01	NEW CASTLE		39 40	75 36	79	MID	MID	C	HJ		
WILMGTON PORTER RESVR	9605	01	NEW CASTLE		39 46	75 32	274	MID	MID		H		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND DELAWARE

Additional information regarding the climate of these States may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for these States.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly heating and cooling degree totals are the sums of the negative and positive departures, respectively, of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for October 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

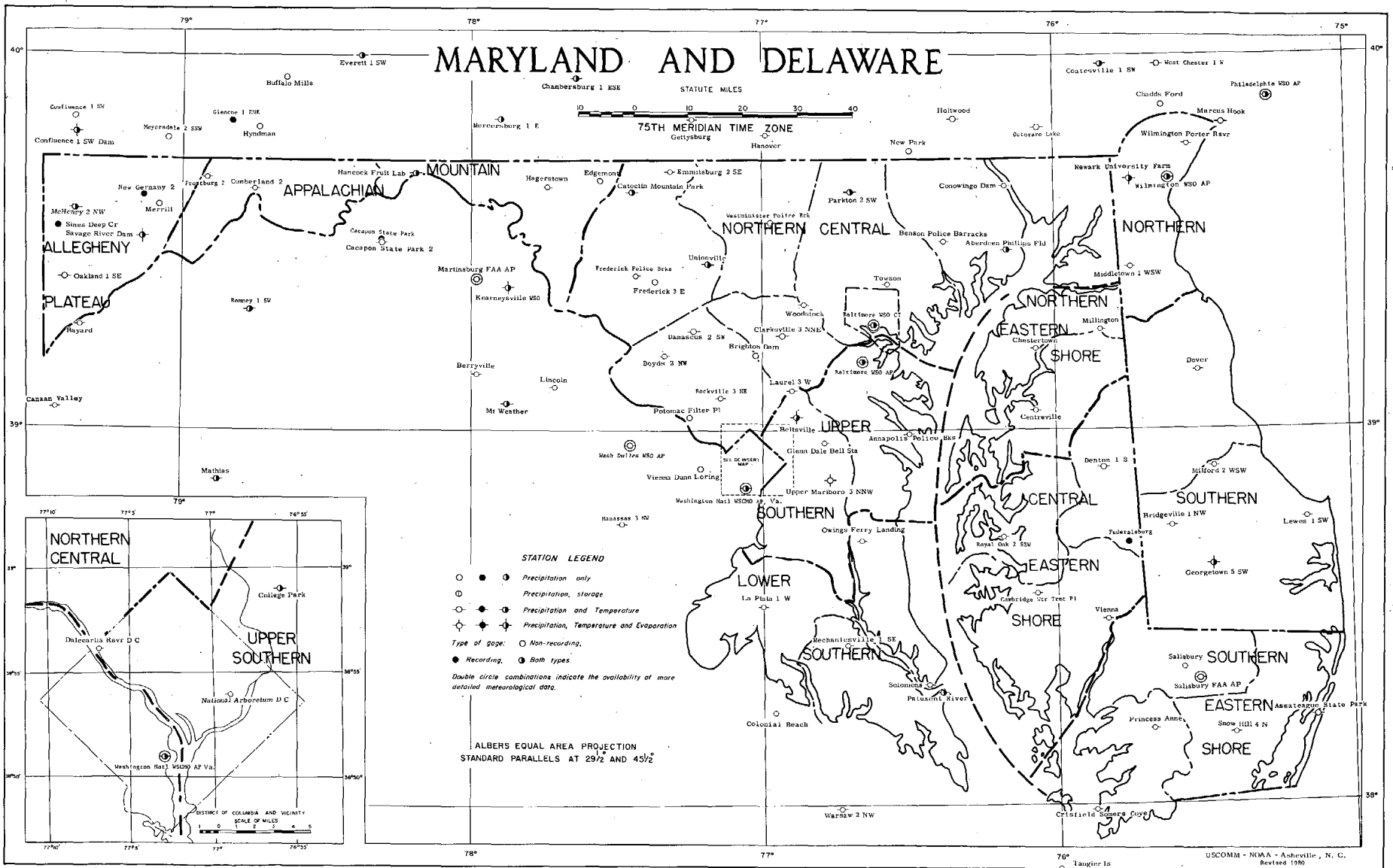
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for these States, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45c single copy; \$1.00 foreign; 45c annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801. ATTN: Publications



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